

INSTRUMENT APPROACH PROCEDURE CHARTS

IFR TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude, and/or airports that have civil IFR take-off minimums other than standard, are listed below. Take-off Minimums and Departure Procedures apply to all runways unless otherwise specified. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are described below in text, or published separately as a graphic procedure. If the (Obstacle) DP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or a separate Departure Procedure volume (military), as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not assigned another DP or radar vector by ATC, this procedure may be flown to ensure obstacle clearance.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: FAR 91 prescribes standard take-off rules and establishes take-off minimums for certain operators as follows: (1) Aircraft having two engines or less - one statute mile. (2) Aircraft having more than two engines - one-half statute mile. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) take-off minima are published below. For military take-off minima, refer to appropriate service directives.

NAME TAKE-OFF MINIMUMS

ALEXANDRIA, LA ESLER REGIONAL

NOTE: **Rwy 8**, tree 1223' from departure end of runway, 928' right of centerline, 73' AGL/163' MSL. **Rwy 14**, tree 928' from departure end of runway, 606' left of centerline, 72' AGL/160' MSL. Tree 942' from departure end of runway, 642' right of centerline, 78' AGL/166' MSL. **Rwy 32**, tree 1959' from departure end of runway, 940' left of centerline, 111' AGL/223' MSL. Tree 1862' from departure end of runway, 812' right of centerline, 103' AGL/215' MSL.

BASTROP, LA MOREHOUSE MEMORIAL

NOTE: **Rwy 34**, powerlines 1700' from departure end of runway, 70' AGL/214' MSL.

NAME TAKE-OFF MINIMUMS

BATON ROUGE, LA

BATON ROUGE METROPOLITAN, RYAN FIELD

DEPARTURE PROCEDURE: **Rwys 22L/R**, climb runway heading to 2000 before turning left or comply with radar vectors.

NOTE: **Rwy 4L**, 97' AGL tree 1368' from departure end of runway, 778' left of centerline. **Rwy 13**, 82' AGL tree 1551' from departure end of runway, 838' left of centerline.

Rwy 22R, 94' AGL antenna 1173' from departure end of runway, 740' right of centerline.

CAUTION: Unmarked balloon and cable to 15,000 in R-3807. **Rwy 4L**, 209°/51.4 NM, **Rwy 4R**, 209°/51.2 NM.

Rwy 13, 209°/50.7 NM, **Rwy 31**, 208°/50.9 NM.

Rwy 22L, 209°/50.6 NM, **Rwy 22R**, 209°/50.3 NM.

BOGALUSA, LA

GEORGE R. CARR MEMORIAL AIR FIELD

TAKE-OFF MINIMUMS: **Rwy 18**, 800-3 or std. with a min. climb of 220' per NM to 800. **Rwy 36**, 200-2.

BROOKHAVEN, MS

BROOKHAVEN-LINCOLN COUNTY

TAKE-OFF MINIMUMS: **Rwy 22**, 500-1.

DEPARTURE PROCEDURE: **Rwy 4**, climb runway heading to 900 before turning.

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CLEVELAND, MS

CLEVELAND MUNI

TAKE-OFF MINIMUMS: **Rwys 8, 26**, NA.

DEPARTURE PROCEDURE: **Rwy 17**, climb runway heading to 600 before turning.

COLUMBUS, MS

COLUMBUS-LOWNDES COUNTY

TAKE-OFF MINIMUMS: **Rwy 18**, 300-1 or std. with a min. climb of 350' per NM to 500. **Rwy 36**, 400-1 or std. with a min. climb of 370' per NM to 500.

DEPARTURE PROCEDURE: **Rwys 18, 36**, climb runway heading to 600 before turning.

COLUMBUS AFB (KCBM), MS

TAKE-OFF OBSTACLES: Rwy 31L, 243' MSL (53' AGL) antenna 2084' from departure end of rwy 190' right of centerline. Rwy 31R, 295' MSL (100' AGL) trees 1843' from departure end of rwy, 661' right of centerline.

DERIDDER, LA

BEAUREGARD REGIONAL

NOTE: **Rwy 32**, tree 251' from departure end of runway, 530' left of centerline, 70' AGL/248' MSL.

EUNICE, LA

EUNICE

TAKE-OFF MINIMUMS: **Rwy 16**, 1100-2½, climb in visual conditions to cross Eunice Airport at or above 1000 MSL before proceeding on course or std. with a min. climb of 280' per NM to 2400. **Rwy 34**, 1100-2½, climb in visual conditions to cross Eunice Airport at or above 1000 MSL before proceeding on course or std. with a min. climb of 220' per NM to 2400.

CAUTION: Unmarked balloon and cable to 15000 in R-3807. **Rwy 16**, 133°/56.1 NM. **Rwy 34**, 132°/55.4 NM.

GONZALES, LA

LOUISIANA REGIONAL

TAKE-OFF MINIMUMS: **Rwy 35**, 400-2 or std. with a min. climb of 220' per NM to 400.

GREENVILLE, MS

MID DELTA REGIONAL

DEPARTURE PROCEDURE: **Rwys 18L, 18R**, climb runway heading to 800 before turning.

NOTE: **Rwy 27**, 64' AGL tree 812' from departure end of runway, 392' left of centerline. 91' AGL tree, 2027' from departure end of runway, 460' right of centerline.

GREENWOOD, MS

GREENWOOD-LE FLORE

TAKE-OFF MINIMUMS: **Rwy 5**, 400-1 or std. with a min. climb of 270' per NM to 400.

GRENADA, MS

GRENADA MUNI

DEPARTURE PROCEDURE: **Rwys 4, 31**, climb to 700 before turning on course. **Rwys 13, 22**, climb to 800 before turning on course.

GULFPORT, MS

GULFPORT-BILOXI INTL

TAKE-OFF MINIMUMS: **Rwy 18**, 200-1 ¼ or std. with a min. climb of 212' per NM to 300. **Rwy 36**, std. with a min. climb of 442' per NM to 300, or 300-1 with a min. climb of 234' per NM to 700, or 800-2 ½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 36**, for climb in visual conditions: Cross Gulfport-Biloxi Intl Airport at or above 800 before proceeding on course.

NOTES: **Rwy 14**, tree 1934' from departure end of runway, 628' left of centerline, 80' AGL/90' MSL. Pole 3399' from departure end of runway, 1068' right of centerline, 85' AGL/115' MSL. **Rwy 18**, multiple trees and antenna beginning 1562' from departure end of runway, 68' left of centerline, up to 165' AGL/172' MSL. Multiple trees beginning 926' from departure end of runway, 4' right of centerline, up to 49' AGL/66' MSL.

Rwy 32, multiple trees beginning 1932' from departure end of runway, 899' left of centerline, up to 80' AGL/86' MSL. Tree 1624' from departure end of runway, 843' right of centerline 80' AGL/93' MSL. **Rwy 36**, multiple trees beginning 1391' from departure end of runway, 43' right of centerline, up to 78' AGL/93' MSL. Crane 3263' from departure end of runway, 38' right of centerline, 180' AGL/189' MSL. Tree 1592' from departure end of runway, 348' left of centerline, 75' AGL/92' MSL.

HAMMOND, LA

HAMMOND NORTHSORE REGIONAL

TAKE-OFF MINIMUMS: **Rwy 31**, 600-2 or std. with a min. climb rate of 210' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 31**, climb runway heading to 800 prior to turning west.

HATTIESBURG/LAUREL, MS

HATTIESBURG-LAUREL REGIONAL

DEPARTURE PROCEDURE: **Rwys 18, 36**, climb runway heading to 1000 before turning east.

NOTE: **Rwy 36**, 86' AGL tree 2117' from departure end of runway, 911' left of centerline.

HOLLY SPRINGS, MS

HOLLY SPRINGS-MARSHALL COUNTY

DEPARTURE PROCEDURE: **Rwy 36**, climb runway heading to 800 before turning left.

HOMER, LA

HOMER MUNI

NOTE: **Rwy 12**, tree 205' from departure end of runway, 195' left of centerline, 60' AGL/289' MSL. **Rwy 30**, tree 205' from departure end of runway, 200' right of centerline, 60' AGL/304' MSL.

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SC-4

C2



TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES



06019

C3

HOUMA, LA

HOUMA-TERREBONNE

TAKE-OFF MINIMUMS: **Rwy 30**, 500-2 or std. with a min. climb of 220' per NM to 600.

INDIANOLA, MS

INDIANOLA MUNI

DEPARTURE PROCEDURE: **Rwy 17**, climb runway heading to 2200 before turning east. **Rwy 35**, climb runway heading to 700 before turning east.

JACKSON, MS

HAWKINS FIELD

TAKE-OFF MINIMUMS: **Rwy 16**, 300-1.

DEPARTURE PROCEDURE: **Rwys 11, 34**, climb runway heading to 800 before making turn. **Rwy 16**, climb runway heading to 1300 before making right turn.

Rwy 29, climb runway heading to 1200 before making left turn.

JACKSON-EVERS INTL

TAKE-OFF MINIMUMS: **Rwy 16R**, 300-1 or std. with a min. climb of 280' per NM to 700.

JENNINGS, LA

JENNINGS

TAKE-OFF MINIMUMS: **Rwy 13**, 300-1 or std. with a min. climb of 352' per NM to 300. **Rwys 17, 35**, NA.

NOTE: **Rwy 8**, multiple poles 1080' from departure end of runway, 260' left of centerline, 40' AGL/62' MSL.

Rwy 13, tank 3428' from departure end of runway, 1072' right of centerline, 156' AGL/181' MSL. **Rwy 26**, trees 1080' from departure end of runway, 45' AGL/55' MSL.

Rwy 31, fence 140' from departure end of runway, 15' AGL/32' MSL.

KEESLER AFB (KBIX),

BILOXI, MS 06019

Rwy 3, 21, track rwy heading to 2000.

TAKE-OFF OBSTACLES: Rwy 3: Numerous trees beginning 982' from DER through 2120' from DER, as close as 650' right of centerline and up to 114' MSL.

Rwy 21: Numerous trees beginning 279' from DER through 3454' from DER, as close as 510' left of centerline and up to 119' MSL. Numerous trees beginning 1191' from DER through 4584' from DER, as close as 411' right of centerline and up to 140' MSL. Multiple power poles beginning 2709' from DER, as close as 205' left of centerline up to 113' MSL. Multiple power poles beginning 2330' from DER, as close as 210' right of centerline and up to 95' MSL.

KOSCIUSKO, MS

KOSCIUSKO-ATTALA COUNTY

NOTE: **Rwy 14**, trees 1054' from departure end of runway, 503' left of centerline, 100' AGL/559' MSL. Trees 1172' from departure end of runway, 555' right of centerline, 100' AGL/559' MSL. Terrain 18' from departure end of runway, 91' right of centerline, 473' MSL. Terrain 68' from departure end of runway, 485' right of centerline, 473' MSL. **Rwy 32**, trees 1676' from departure end of runway, 288' right of centerline, 100' AGL/619' MSL. Trees 1341' from departure end of runway, 231' left of centerline, 100' AGL/609' MSL. Terrain 129' from departure end of runway, 139' right of centerline, 502' MSL. Terrain 182' from departure end of runway, 532' right of centerline, 493' MSL. Terrain 352' from departure end of runway, 344' right of centerline, 496' MSL. Terrain 79' from departure end of runway, 254' left of centerline, 486' MSL. Terrain 525' from departure end of runway, 156' right of centerline, 496' MSL. Terrain 302' from departure end of runway, 49' left of centerline, 489' MSL.

LAFAYETTE, LA

LAFAYETTE REGIONAL

NOTE: 104' tower 1200' west of departure end of Rwy 29. 145' tower 2600' southwest of departure end of Rwy 22R.

LAKE PROVIDENCE, LA

BYERLEY

NOTE: **Rwy 17**, tower 4466' from departure end of runway, 1602' right of centerline, 150' AGL/257' MSL.

LAUREL, MS

HESLER-NOBLE FIELD

DEPARTURE PROCEDURE: **Rwy 13**, climb runway heading to 500 before turning.

LEXINGTON, MS

C. A. MOORE

DEPARTURE PROCEDURE: **Rwy 19**, climb runway heading to 1000 before turning.

LOUISVILLE, MS

LOUISVILLE- WINSTON COUNTY

TAKE-OFF MINIMUMS: **Rwys 17, 19**, 500-1 or std. with a min. climb of 400' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 17**, climb runway heading to 1000 before turning left.

MADISON, MS

BRUCE CAMPBELL FIELD

TAKE-OFF MINIMUMS: **Rwy 35**, 200-1.

MANY, LA

HART

TAKE-OFF MINIMUMS: **Rwy 12**, 600-3 or std. with a min. climb of 250' per NM to 900.

DEPARTURE PROCEDURE: **Rwy 12**, climb on runway heading to 900 before turning eastbound.

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C3



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C4

MARKS, MS

SELFS

DEPARTURE PROCEDURE: **Rwy 2**, climb runway heading to 700 before turning right.

MERIDIAN, MS

KEY FIELD

TAKE-OFF MINIMUMS: **Rwys 4, 22**, 300-1 or std. with a min. climb of 320' per NM to 500.

DEPARTURE PROCEDURE: **Rwys 1, 4, 19, 22**, climb runway heading to 800 before proceeding on course.

MERIDIAN NAS (MC CAIN FIELD) (KNMM)

MERIDIAN, MS

.....Rwy 1R, 600-2*

* Or standard with a minimum climb of 240'/NM to 600.

TAKE-OFF OBSTACLES: Rwy 1L: 399' MSL trees, 4110' from departure end of rwy, 1004' left of centerline. Rwy 10: 414' MSL trees, 1519' from departure end of rwy, 756' right of centerline. Rwy 19L: 319' MSL trees, 1878' from departure end of rwy, 400' left of centerline. Rwy 19R: 399' MSL trees, 9451' from departure end of rwy, 1195' right of centerline. Rwy 28: 350' MSL trees, 1118' from departure end of rwy, 391' left of centerline.

MONROE, LA

MONROE REGIONAL

DEPARTURE PROCEDURE: **Rwy 22**, climb via heading 222° to 900 before turning west. **Rwy 32**, climb via heading 317° to 900 before turning west. **Rwy 36**, climb via heading 357° to 900 before turning west.

NOTE: **Rwy 4**, tree 3535' from departure end of runway, 1136' left of centerline, 98' AGL/177' MSL. Tree 995' from departure end of runway, 726' left of centerline, 66' AGL/142' MSL. Tree 2423' from departure end of runway, 903' right of centerline, 65' AGL/141' MSL. Tree 1765' from departure end of runway, 773' right of centerline, 44' AGL/120' MSL. **Rwy 14**, tree 1409' from departure end of runway, 770' left of centerline, 96' AGL/162' MSL. **Rwy 18**, tree 1614' from departure end of runway, 242' right of centerline, 68' AGL/137' MSL. Tree 1649' from departure end of runway, 45' right of centerline, 71' AGL/140' MSL. Tree 1659' from departure end of runway, 112' left of centerline, 77' AGL/146' MSL. Tree 1696' from departure end of runway, 619' left of centerline, 72' AGL/138' MSL. Tree 2149' from departure end of runway, 102' right of centerline, 76' AGL/145' MSL. **Rwy 22**, sign 99' from departure end of runway 459' right of centerline, 14' AGL/83' MSL. Tree 2613' from departure end of runway, 1052' right of centerline, 104' AGL/170' MSL. **Rwy 32**, tree 2361' from departure end of runway, 7' left of centerline, 77' AGL/160' MSL. Tree 1781' from departure end of runway, 342' right of centerline, 66' AGL/149' MSL. Tree 1709' from departure end of runway, 302' right of centerline, 78' AGL/161' MSL. Tree 2103' from departure end of runway, 325' left of centerline, 73' AGL/156' MSL. Light pole 384' from departure end of runway, 491' left of centerline, 18' AGL/97' MSL. **Rwy 36**, antenna 3728' from departure end of runway, 599' right of centerline, 107' AGL/190' MSL. Tower 3526' from departure end of runway, 478' right of centerline, 100' AGL/179' MSL. Tree 2756' from departure end of runway, 129' right of centerline, 68' AGL/151' MSL.

NATCHITOCHES, LA

NATCHITOCHES REGIONAL

TAKE-OFF MINIMUMS: **Rwy 25**, 300-2 or std. with a min. climb of 270' per NM to 500. **Rwy 35**, 400-1.

NEW ORLEANS, LA

LAKEFRONT

DEPARTURE PROCEDURE: **Rwys 18L/R**, climb to 1500 before turning left or comply with RADAR vectors. **Rwy 9**, climb to 1500 before turning right, or comply with RADAR vectors.

LOUIS ARMSTRONG NEW ORLEANS INTL

TAKE-OFF MINIMUMS: **Rwy 1**, 300-1 or std. with a min. climb of 360' per NM to 300.

NOTE: **Rwy 6**, 64' AGL tree 998' from departure end of runway, 467' right of centerline. **Rwy 10**, 81' AGL tree 1789' from departure end of runway, 943' left of centerline. CAUTION: unmarked balloon and cable to 15,000 in R-3807 260° / 74.1 NM.

NEW ORLEANS NAS JRB (ALVIN CALLENDER FLD)(KNBG)

NEW ORLEANS, LA

.....Rwy 14, 300-2*

* Or standard with minimum climb of 390'/NM to 300.

Diverse departures not authorized 340°-025° from ARP until reaching 2000'.

TAKE-OFF OBSTACLES: Rwy 14: 180' crane crane 3749' from departure end of rwy, 1006' right of centerline. Shipping to 180' transiting Mississippi River 5989' from departure end of rwy. Rwy 32: Shipping to 159' transiting intracoastal waterway 5900' from departure end of rwy.

OKOLONA, MS

OKOLONA MUNI-RICHARD STOVALL FIELD

DEPARTURE PROCEDURE: **Rwys 18, 36**, climb runway heading to 800 before turning westbound.

OLIVE BRANCH, MS

OLIVE BRANCH

TAKE-OFF MINIMUMS: **Rwy 18**, 400-1 or std. with a min. climb of 350' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 18**, climb runway heading to 800 before turning east.

OPELOUSAS, LA

ST. LANDRY PARISH-AHART FIELD

TAKE-OFF MINIMUMS: **Rwy 18**, 200-1 or std. with a min. climb of 236' per NM to 400.

NOTE: **Rwy 18**, tower 6060' from departure end of runway, 896' left of centerline, 209' AGL/270' MSL.

OXFORD, MS

UNIVERSITY-OXFORD

TAKE-OFF MINIMUMS: **Rwy 9**, 300-1 or std. with a min. climb of 400' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 9**, climb runway heading to 900 before turning.

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PATTERSON, LA

HARRY P. WILLIAMS MEMORIAL

TAKE-OFF MINIMUMS: **CAUTION:** unmarked balloon and cable to 15000 in R-3807. **Rwy 6**, 290°/17.6 NM. **Rwy 24**, 287°/18.2 NM.

NOTE: **Rwy 24**, tree 1262' from departure end of runway, 452' right of centerline, 95' AGL/102' MSL.

PHILADELPHIA, MS

PHILADELPHIA MUNI

TAKE-OFF MINIMUMS: **Rwy 36**, 300-1¼ or std. with a min. climb of 282' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 36**, climb via heading 005° to 800 before turning.

NOTE: **Rwy 36**, tree 6130' from departure end of runway, 2072' right of centerline, 100' AGL/669' MSL.

RAYMOND, MS

JOHN BELL WILLIAMS

TAKE-OFF MINIMUMS: **Rwy 12**, 300-1 or std. with a min. climb of 260' per NM to 1300. **Rwy 30**, 300-1 or std. with a min. climb of 355' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 12**, climb via heading 120° to 3200 before turning. **Rwy 30**, climb via heading 300° to 1300 before turning.

NOTE: **Rwy 12**, trees 1430' from departure end of runway, on runway centerline, 46' AGL/290' MSL. Tower 1.8 NM from departure end of runway, 2.6 NM right of centerline, 1612' AGL/1946' MSL. Tower 4.4 NM from departure end of runway, 3.8 NM right of centerline, 1999' AGL/2419' MSL. **Rwy 30**, trees 1400' from departure end of runway, 70' right of centerline, 62' AGL/300' MSL.

SHREVEPORT, LA

SHREVEPORT DOWNTOWN

DEPARTURE PROCEDURE: **Rwys 5, 14, 23**, maintain runway heading until 600 prior to turning.

TALLULAH, LA

VICKSBURG TALLULAH REGIONAL

NOTE: **Rwys 18, 36** cross departure end of runway at or above 35' AGL/121' MSL. **Rwy 18**, tree 1610' from departure end of runway, 922' left of centerline, 120' AGL/203' MSL.

VICKSBURG, MS

VICKSBURG MUNI

TAKE-OFF MINIMUMS: **Rwy 1**, 600-1 or std. with a min. climb of 250' per NM to 700.

VIVIAN, LA

VIVIAN

DEPARTURE PROCEDURE: **Rwys 9, 27**, climb on runway heading to 1500 prior to turning.

WEST POINT, MS

MC CHAREN FIELD

TAKE-OFF MINIMUMS: **Rwy 36**, 400-1 or std. with a min. climb of 290' per NM to 600.

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